

| Ref # | Hits  | Search Query  | DBs             | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|-----------------|------------------|---------|------------------|
|       |       | ((("606/27-50") or ("606/167-180")).CCLS.) and (cutting adj (edge or blade))) and rotat\$   | USPAT           | OR               | OFF     | 2001/08/22 15:42 |
| L1    | 3     | (instrument and rota\$ and (cutting with (blade or edge)) and shaft and lumen).clm.   | US-PGPUB        | OR               | OFF     | 2005/11/04 05:40 |
| L2    | 1     | (instrument and rota\$ and (cutting with (blade or edge)) and (shaft with lumen) and (handle with lumen)).clm.  | US-PGPUB        | OR               | OFF     | 2005/11/04 05:40 |
| S1    | 5227  | ((606/27-50) or (606/167-180)).CCLS.  | USPAT;<br>USOCR | OR               | OFF     | 2001/08/23 07:23 |
| S2    | 5227  | ((606/27-50) or (606/167-180)).CCLS.  | USPAT;<br>USOCR | OR               | OFF     | 2001/08/22 15:40 |
| S3    | 1369  | ((("606/27-50") or ("606/167-180")).CCLS.) and (cutting adj (edge or blade))  | USPAT           | OR               | OFF     | 2001/08/22 15:41 |
| S4    | 834   | (((((("606/27-50") or ("606/167-180")).CCLS.) and (cutting adj (edge or blade))) and rotat\$) and @pd<"20000302"  | USPAT           | OR               | OFF     | 2005/03/02 07:02 |
| S5    | 2651  | (606/27-50).CCLS.   | USPAT;<br>USOCR | OR               | OFF     | 2002/01/29 13:38 |
| S6    | 117   | ((("606/27-50").CCLS.) and ((((((("606/27-50") or ("606/167-180")).CCLS.) and (cutting adj (edge or blade))) and rotat\$) and @pd<"20000302")   | USPAT           | OR               | OFF     | 2003/01/17 10:38 |
| S7    | 28432 | rotar\$ and cutting and (blade or edge)   | USPAT           | OR               | OFF     | 2001/08/23 07:25 |
| S8    | 54    | (rotar\$ and cutting and (blade or edge)) and shaft and lumen and coaxial   | USPAT           | OR               | OFF     | 2003/01/17 09:57 |
| S9    | 8     | (((((("6221088") or ("6080114") or ("6010477") or ("5954720") or ("5951550") or ("5941876") or ("5921984") or ("5860975") or ("5849023") or ("5833690") or ("5810809") or ("5766166") or ("5651781") or ("5540685") or ("5527331") or ("5441510") or ("5364395") or ("5364389") or ("5356408") or ("5352222") or ("5320608") or ("5217479") or ("4793346") or ("4657017") or ("3945375")).PN.) and (cutting or rotary or rotat\$ or blade or (cutting adj edge) or lumen) ) and coaxial | USPAT           | OR               | OFF     | 2001/08/24 08:10 |

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|-----|------|---|-----------------|----|-----|------------------|
| S10 | 6    | ((("6221088") or ("6080114") or ("6010477") or ("5954720") or ("5951550") or ("5941876") or ("5921984") or ("5860975") or ("5849023") or ("5833690") or ("5810809") or ("5766166") or ("5651781") or ("5540685") or ("5527331") or ("5441510") or ("5364395") or ("5364389") or ("5356408") or ("5352222") or ("5320608") or ("5217479") or ("4793346") or ("4657017") or ("3945375")).PN.) and (cutting or rotary or rotat\$ or blade or (cutting adj edge) or lumen) ) and serrat\$ | USPAT           | OR | OFF | 2001/08/24 07:39 |
| S11 | 1    | "Re34556".PN.   | USPAT           | OR | OFF | 2001/08/24 08:00 |
| S12 | 7    | ((("6221088") or ("6080114") or ("6010477") or ("5954720") or ("5941876") or ("5921984") or ("5860975") or ("5849023") or ("5833690") or ("5810809") or ("5766166") or ("5540685") or ("5527331") or ("5456689") or ("5441510") or ("5437630") or ("5411514") or ("5364395") or ("5356408") or ("5352222") or ("5320608") or ("5217479") or ("4793346") or ("4657017") or ("3945375")).PN.) and ((rotar\$ and cutting and (blade or edge)) and shaft and lumen and coaxial )          | USPAT           | OR | OFF | 2001/08/24 08:33 |
| S13 | 25   | ((("6221088") or ("6080114") or ("6010477") or ("5954720") or ("5941876") or ("5921984") or ("5860975") or ("5849023") or ("5833690") or ("5810809") or ("5766166") or ("5540685") or ("5527331") or ("5456689") or ("5441510") or ("5437630") or ("5411514") or ("5364395") or ("5356408") or ("5352222") or ("5320608") or ("5217479") or ("4793346") or ("4657017") or ("3945375")).PN.  | USPAT;<br>USOCR | OR | OFF | 2001/08/24 08:49 |
| S14 | 1    | "5335663".PN.   | USPAT           | OR | OFF | 2001/08/24 10:10 |
| S15 | 626  | ((606/27-50).CCLS.) and @pd>"20000302"  | USPAT           | OR | OFF | 2002/01/29 13:42 |
| S16 | 1043 | (606/30-40).CCLS.   | USPAT;<br>USOCR | OR | OFF | 2002/01/29 13:42 |
| S17 | 219  | ((606/30-40).CCLS.) and @pd>"20000302"  | USPAT           | OR | OFF | 2002/01/29 13:44 |

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| S18 | 219 | ((((606/30-40).CCLS.) and @pd>"20000302") and @AD<"20000309"  | USPAT   | OR | OFF | 2002/01/29 13:46 |
| S19 | 48  | ((((606/30-40).CCLS.) and @pd>"20000302") and @AD<"20000309") and (rotation or rotate! or rotary)   | USPAT   | OR | OFF | 2002/01/29 13:47 |
| S20 | 2   | ("6428539").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2003/01/17 08:09 |
| S21 | 4   | ((("4368734") or ("3618611"))).PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2003/01/17 09:53 |
| S22 | 298 | (rotar\$ and cutting and (blade or edge)) and shaft and lumen   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2005/07/13 12:40 |
| S23 | 239 | ((rotar\$ and cutting and (blade or edge)) and shaft and lumen) and @ad<"20000309"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2003/01/17 09:58 |
| S24 | 112 | ((rotar\$ and cutting and (blade or edge)) and shaft and lumen) and @ad<"20000309") and (shear\$3 or cooperat\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2003/01/17 10:28 |
| S25 | 17  | ((("5122138") or ("5133725") or ("5190541") or ("5304190") or ("5498258") or ("5527331") or ("5282799") or ("5352222") or ("5356408") or ("5445638") or ("5462546") or ("5540685") or ("5573424") or ("5766166") or ("5817013") or ("5860975") or ("5891141"))).PN. | USPAT;<br>USOCR                                       | OR | OFF | 2003/01/17 10:37 |
| S26 | 2   | ((("5951549") or ("5954720"))).PN.  | USPAT;<br>USOCR                                       | OR | OFF | 2003/01/17 10:38 |
| S27 | 8   | ((("5810809") or ("5437630") or ("3945375") or ("5217479"))).PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2003/01/17 11:32 |
| S28 | 0   | ((("5810809") or ("5437630") or ("3945375") or ("5217479"))).PN.) and (image with device)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2003/01/17 11:33 |

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|-----|------|---|---|----|-----|------------------|
| S29 | 0    | ((("5810809") or ("5437630") or ("3945375") or ("5217479")).PN.) and image  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2003/01/17 11:33 |
| S30 | 5    | ((("5810809") or ("5437630") or ("3945375") or ("5217479")).PN.) and instrument   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2003/01/17 11:34 |
| S31 | 0    | ((("5810809") or ("5437630") or ("3945375") or ("5217479")).PN.) and (instrument near lumen)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2003/01/17 11:34 |
| S32 | 71   | (rotar\$ and cutting and (blade or edge)) and shaft and lumen and coaxial   | USPAT   | OR | OFF | 2003/08/05 14:28 |
| S33 | 36   | ((((rotar\$ and cutting and (blade or edge)) and shaft and lumen) and @ad<"20000309") and (shear\$3 or cooperat\$3)) and (RF or energiz\$2) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2003/08/05 14:29 |
| S34 | 3275 | (606/27-50).CCLS.   | USPAT;<br>USOCR                                       | OR | OFF | 2003/08/05 14:31 |
| S42 | 2    | ("6428539").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/03/01 13:21 |
| S43 | 4    | ((("6428539") or ("6702813")).PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/03/01 13:21 |
| S44 | 2    | ("6702813").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2005/03/02 06:35 |
| S45 | 7339 | ((606/27-50) or (606/167-180)).CCLS.  | USPAT;<br>USOCR                                       | OR | OFF | 2005/03/02 07:01 |
| S46 | 5054 | S45 and @AD<"20000309"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2005/03/02 07:02 |
| S47 | 992  | S46 and (cutting adj (edge or blade) and rotat\$)   | USPAT   | OR | OFF | 2005/03/02 08:13 |
| S48 | 307  | S47 and (rotat\$).ab.   | USPAT   | OR | OFF | 2005/03/02 08:14 |
| S49 | 202  | S48 and ((inner outer) with (cutting blade))  | USPAT   | OR | OFF | 2005/03/02 08:14 |
| S50 | 66   | S48 and ((inner outer) with (cutting blade)).ab.  | USPAT   | OR | OFF | 2005/03/02 08:14 |

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| S51 | 42 | (US-3945375-\$ or US-4368734-\$ or US-4657017-\$ or US-4793346-\$ or US-5217479-\$ or US-5320608-\$ or US-5352222-\$ or US-5356408-\$ or US-5364395-\$ or US-5411514-\$ or US-5437630-\$ or US-5441510-\$ or US-5456689-\$ or US-5527331-\$ or US-5540685-\$ or US-5766166-\$ or US-5810809-\$ or US-5833690-\$ or US-5849023-\$ or US-5860975-\$ or US-5921984-\$ or US-5941876-\$ or US-5954720-\$ or US-6010477-\$ or US-6080114-\$ or US-6221088-\$). did. or (US-6428539-\$ or US-6702813-\$ or US-4850354-\$ or US-4867157-\$ or US-5112299-\$ or US-5123904-\$ or US-5176628-\$ or US-5251641-\$ or US-5376078-\$ or US-5423844-\$ or US-5540708-\$ or US-5630826-\$ or US-5709698-\$ or US-5807277-\$ or US-6132448-\$ or US-6217598-\$).did. | USPAT                                       | OR | ON | 2005/03/02 08:44 |
| S52 | 19 | S51 and ((electrical cauter\$3) with (blade cut\$3))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/03/02 09:55 |
| S53 | 18 | S51 and (rotate with inner)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/03/02 09:47 |
| S54 | 17 | S51 and (rotate with outer)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/03/02 08:47 |
| S55 | 9  | S51 and ((electrical cauter\$3) with bipolar)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/03/02 09:41 |
| S56 | 1  | S55 not S52   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/03/02 09:40 |
| S57 | 12 | S51 and cauter\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/03/02 09:42 |
| S58 | 21 | S51 and (blade with inner)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/03/02 09:50 |

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| S59 | 13   | S51 and (lumen with inner)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/03/02 09:50 |
| S61 | 1709 | arthroscopic and cutting  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/07/13 12:39 |
| S62 | 504  | "1" and (rotar\$ and cutting and (blade or edge)) and shaft and lumen                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/07/13 12:40 |
| S63 | 69   | S61 and (rotar\$ and cutting and (blade or edge)) and shaft and lumen                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/07/13 12:54 |
| S64 | 3    | (instrument and rota\$ and (cutting with (blade or edge)) and shaft and lumen).clm.       | US-PGPUB                                    | OR | OFF | 2005/07/13 12:57 |
| S65 | 7    | (instrument and rota\$ and (cutting with (blade or edge)) and shaft and lumen).clm.       | USPAT                                       | OR | OFF | 2005/07/13 12:58 |
| S66 | 3    | (cutting with (edge blade) and cooperate and ((shaft tube) with lumen) and rotat\$4).clm. | US-PGPUB                                    | OR | ON  | 2005/07/21 07:58 |
| S67 | 105  | (rotar\$ and cutting and (blade or edge)) and shaft and lumen and coaxial                 | USPAT                                       | OR | OFF | 2005/07/25 11:05 |
| S68 | 508  | (rotar\$ and cutting and (blade or edge)) and shaft and lumen                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/07/25 11:05 |
| S69 | 247  | ((rotar\$ and cutting and (blade or edge)) and shaft and lumen) and @ad<"20000309"        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/07/25 11:06 |
| S70 | 65   | S69 and (visualization ccd camera)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/07/25 11:15 |
| S71 | 33   | S67 and (visualization ccd camera)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/07/25 12:42 |
| S72 | 12   | S71 not S70   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/07/25 11:15 |

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| S73 | 42   | (US-3945375-\$ or US-4368734-\$ or US-4657017-\$ or US-4793346-\$ or US-4850354-\$ or US-4867157-\$ or US-5112299-\$ or US-5123904-\$ or US-5176628-\$ or US-5217479-\$ or US-5251641-\$ or US-5320608-\$ or US-5352222-\$ or US-5356408-\$ or US-5364395-\$ or US-5376078-\$ or US-5411514-\$ or US-5423844-\$ or US-5437630-\$ or US-5441510-\$ or US-5456689-\$ or US-5527331-\$ or US-5540685-\$ or US-5540708-\$ or US-5630826-\$ or US-5709698-\$). did. or (US-5766166-\$ or US-5807277-\$ or US-5810809-\$ or US-5833690-\$ or US-5849023-\$ or US-5860975-\$ or US-5921984-\$ or US-5941876-\$ or US-5954720-\$ or US-6010477-\$ or US-6080114-\$ or US-6132448-\$ or US-6217598-\$ or US-6221088-\$ or US-6428539-\$ or US-6702813-\$).did. | USPAT                                       | OR | ON  | 2005/07/25 12:42 |
| S74 | 13   | S73 and (visualization ccd camera)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/07/25 13:01 |
| S75 | 2379 | (manual\$2 with (rotat\$3 rotary) with (cut cutting))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/07/25 13:03 |
| S76 | 63   | S75 and lumen   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/07/25 13:03 |
| S77 | 55   | S76 not S69   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/07/25 13:04 |
| S78 | 55   | S77 not S70   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/07/25 13:04 |
| S79 | 63   | S76 not S71   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/07/25 13:04 |

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| S80 | 42 | (US-3945375-\$ or US-4368734-\$ or US-4657017-\$ or US-4793346-\$ or US-5217479-\$ or US-5320608-\$ or US-5352222-\$ or US-5356408-\$ or US-5364395-\$ or US-5411514-\$ or US-5437630-\$ or US-5441510-\$ or US-5456689-\$ or US-5527331-\$ or US-5540685-\$ or US-5766166-\$ or US-5810809-\$ or US-5833690-\$ or US-5849023-\$ or US-5860975-\$ or US-5921984-\$ or US-5941876-\$ or US-5954720-\$ or US-6010477-\$ or US-6080114-\$ or US-6221088-\$).<br>did. or (US-6428539-\$ or US-6702813-\$ or US-4850354-\$ or US-4867157-\$ or US-5112299-\$ or US-5123904-\$ or US-5176628-\$ or US-5251641-\$ or US-5376078-\$ or US-5423844-\$ or US-5540708-\$ or US-5630826-\$ or US-5709698-\$ or US-5807277-\$ or US-6132448-\$ or US-6217598-\$).did. | USPAT                                       | OR | ON | 2005/08/08 05:47 |
| S81 | 9  | S80 and ((electrical cauter\$3) with bipolar)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/08/08 05:48 |
| S82 | 42 | (US-3945375-\$ or US-4368734-\$ or US-4657017-\$ or US-4793346-\$ or US-4850354-\$ or US-4867157-\$ or US-5112299-\$ or US-5123904-\$ or US-5176628-\$ or US-5217479-\$ or US-5251641-\$ or US-5320608-\$ or US-5352222-\$ or US-5356408-\$ or US-5364395-\$ or US-5376078-\$ or US-5411514-\$ or US-5423844-\$ or US-5437630-\$ or US-5441510-\$ or US-5456689-\$ or US-5527331-\$ or US-5540685-\$ or US-5540708-\$ or US-5630826-\$ or US-5709698-\$).<br>did. or (US-5766166-\$ or US-5807277-\$ or US-5810809-\$ or US-5833690-\$ or US-5849023-\$ or US-5860975-\$ or US-5921984-\$ or US-5941876-\$ or US-5954720-\$ or US-6010477-\$ or US-6080114-\$ or US-6132448-\$ or US-6217598-\$ or US-6221088-\$ or US-6428539-\$ or US-6702813-\$).did. | USPAT                                       | OR | ON | 2005/08/08 05:47 |
| S83 | 12 | S82 and bipolar  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/08/08 05:48 |



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|-----|---|-----------------|---|----|-----|------------------|
| S84 | 2 | ("5190541").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/08 05:55 |
|-----|---|-----------------|---|----|-----|------------------|